Title (en)

A releasing mechanism for disengagement of patch cord and individual port member

Title (de)

Lösemechanismus zur Demontage eines Datensteckers und einer Datensteckdose

Title (fr)

Mécanisme de desengagement d'un câble de communication et d'un membre d'un port individuel

Publication

EP 2747214 B1 20170419 (EN)

Application

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Priority

IN 5329CH2012 A 20121220

Abstract (en)

[origin: EP2747214A1] The present invention relates to a releasing mechanism for disengagement of a patch cord (40) and an individual port member (100) from a modular panel assembly. One aspect of the releasing mechanism comprises an individual port member (100) having a plurality of connectors (20), assembled to the front end of a panel assembly by means of its locking member (34) for holding at least one connector (20) which receives the patch cord (40), through a connector housing (30). A release lever member (50) is formed of a main body portion and a plurality of attachment portions (54) that are connected to the main body portion at its both ends. The release lever member (50) is attached to the connector housing (30) through its attachment portions (54) in such a way that the release lever member (50) is moved from a first end position to an opposite second end position with respect to the connector housing (30). When the release lever member (50) is moved at the first end position, the release lever member (50) is further moved to disengage the patch cord (40) from the connector (20), whereas when the release lever member (50) is moved at the opposite second end position, the release lever member (50) forms a gripping space in tandem with the locking member (34) to pull and disengage the individual port member (100) from the panel assembly. Such releasing mechanism improves the accessibility and reduces the user effort/force requirement for removal of patch cord (40), and also facilitates ergonomically good hold and better gripping to the user for removal of individual port member (100).

IPC 8 full level

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Cited by

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